

HEAT TREATMENT APPARATUSABSTRACT OF THE DISCLOSURE

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A heat treatment apparatus for preventing quality defects of an object to be heat-treated even when sublimating components produced in heat treatment become solids and drop down in the heat treatment apparatus, wherein a gas generated when heating an object to be heat-treated, coated with a coating solution and placed on a stage is passed through a trap made of a permeable porous film and is exhausted from an exhaust port of a cover and wherein solids produced and dropping down when gas passed through the trap of the permeable porous film solidifies at a top plate of the cover are trapped by the trap.